

# Project Proposal

**Proposal Title:** Quichipa Canyon Bullhog

**Proposal Number:** 1500

**DWR Region:** Southern Region

**Lead Agency:** DWR

**County:** Iron

**Project Manager:** Rhett Boswell

**PM Phone:** 4358656128

**Regional Priority:** Within Focus Area

**Project Type:** Terrestrial Habitat

**Proposed Start Date:** 8/1/2009

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**Project Location:** Quichipha Canyon Area west of the Vanderberg Road

**Project Description:** 160 acre bullhog and plateau treatment near Quichipha Canyon

**Description of Problem/Need:** The eastern base of Harmony Mtn. and quichipa canyon area are critical value mule deer winter range. Developments in the area are encroaching on the winter range. In turn, Pinyon/Juniper woodland is encroaching into the valley. This encroachment not only degrades the value of forage for wintering deer it poses a public fire hazard to the adjacent communities. Trees in the area can be thinned to open up the canopy and allow growth of more beneficial browse, grasses, and forbs. The removal of the trees along the base of the winter range will also provide a fire break in the dense woodland. Treated areas will be sprayed with plateau to reduce the annual grass in the area.

**Objectives:** Provide forage typical of a shrubsteppe habitat for wintering mule deer herds that heavily use the area. Provide fire break around harmony mountain between nearby residential area. Provide connectivity of treatments with adjacent successful BLM woolsey reseed. Treat area with herbicide to prevent undesirable annual grass.

**Relevance to Strategic Plans:** The project area is in shrubsteppe habitat which is one of the 10 key habitats as identified in the Wildlife Action Plan. The area is heavily used by mule deer which are a Tier III species. The improvement of mule deer habitat in this area is high priority for the SRO in managing the Pine Valley Unit #30. The removal of large fuels in this area is part of the Utah Division of Forestry, Fire, and State Lands community fire plan.

**Potential Risks:** Further development near treatment. Property sale of SITLA parcel. Annual grass invasion within treated area.

**Proposed Methods:** A contracted rubber-tired Bullhog will mulch 160 acres of Pinyon/Juniper in early fall 2009. Plateau herbicide will be applied aurally to the treatment areas in October or November of 2009

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**Shapefile Name:** S:\DWR\Habitat\HabProject(2010)\proposals\1500.shp)

**Seed Source:**

**UPCD Reg Team Coord Date:**

**Proposed NEPA Action:**

**Proposed Arch Action:**

☒ **Vegetation Monitoring**      ☒ **Wildlife Monitoring**

**Monitoring Information:** Wildlife monitoring will be done as part of the classification effort on the Pine Valley Unit # 30 by SRO biologists. Photo point will be establish on site. Range trend study will be requested for treatment area.

**Grazing Management:**

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## SPECIES BENEFITING

Mule Deer

Rio Grande Wild Turkey

# Project Proposal

## LAND OWNERSHIP

Owner	Acres
SITLA	160
<b>Total</b>	<b>160</b>

## PROPOSED FUNDING

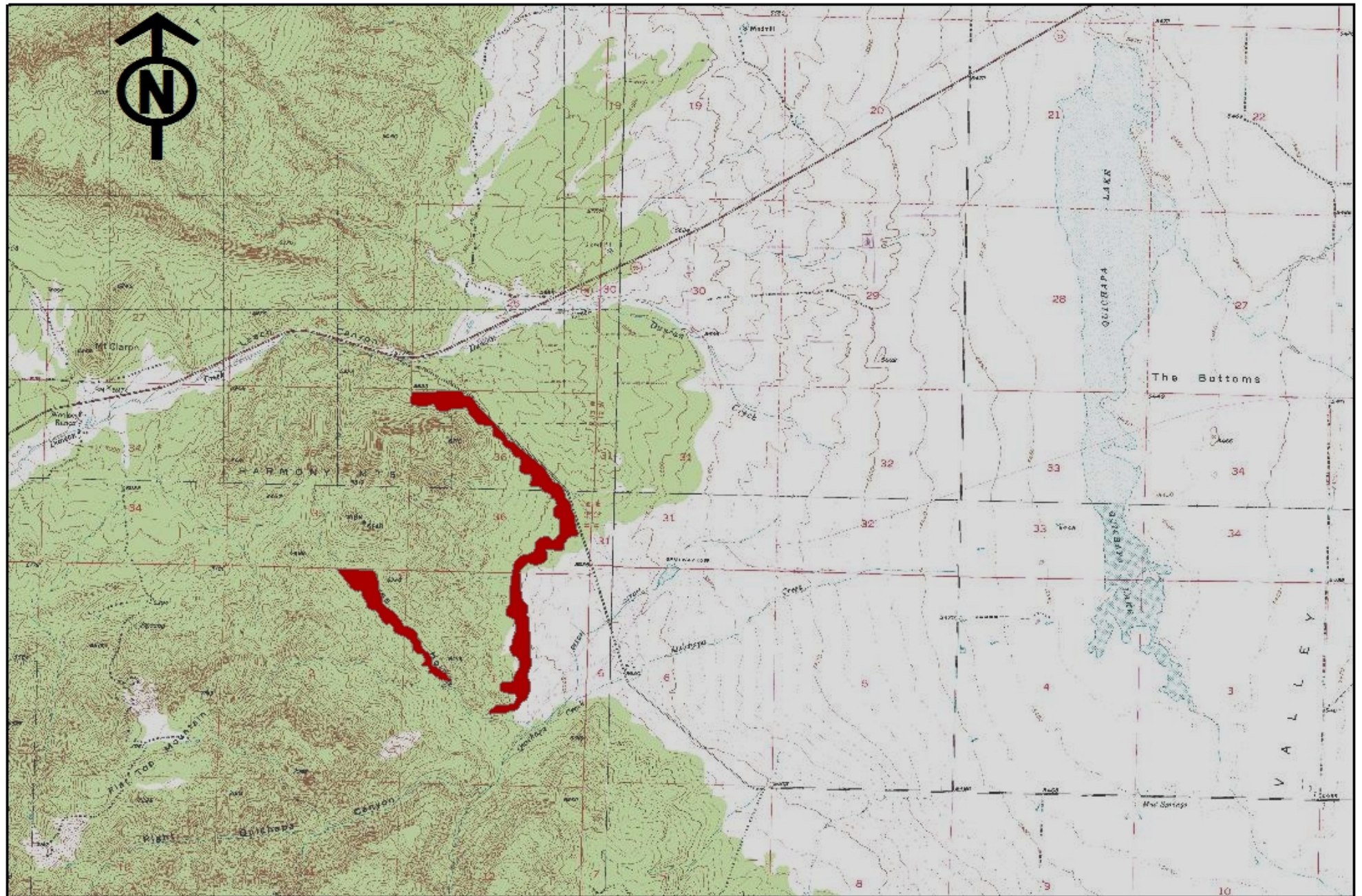
Source	Amount Requested	Date Approved	Amount Approved
FFSL	\$24,000.00		\$0.00
Unfunded Balance	\$17,339.00		\$0.00
<b>Totals</b>	<b>\$41,339.00</b>		<b>\$0.00</b>

## PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Contractual Services	Bullhog of 160 acres @ \$200/acre	\$32,000.00	\$0.00
Contractual Services	aerially herbicide @ \$12/ acre	\$1,920.00	\$0.00
Materials and Supplies	Plateau Herbicide 7gals @ \$277/gal	\$1,939.00	\$0.00
Personal Services	flagging time, contractor support	\$1,000.00	\$0.00
Archaeological Survey	arch survey @ \$28/acre	\$4,480.00	\$0.00
	<b>Totals</b>	<b>\$41,339.00</b>	<b>\$0.00</b>


## Project Map:

# #1500 Quichipa Canyon Bullhog



0 0.5 1 2 Miles

## Legend

 Treatment area